

ABSTRACT OF DISCLOSURE

A drum washing machine, which has a clothes-drying unit with a plurality of heat pipes. The heat pipes recover, during a drying-mode operation of the drum washing machine, heat from high temperature humid air flowing from a water tub, and combine the recovered heat with low temperature dry air flowing from an area around a condensing nozzle, thus saving time and electricity during the drying-mode operation. In the clothes-drying unit, an air duct includes first and second duct parts, having a condensing nozzle installed in the first duct part, and a blower fan and a heater installed in the second duct part. A lower end of the heat pipe is arranged in a lower end of the first duct part, and an upper end of the heat pipe is arranged in an upper end of the first duct part. The heat pipe thus recovers the heat from the air, which flows in the lower end of the first duct part, and combines the recovered heat with the air, which flows in the upper end of the first duct part. The upper and lower ends of the heat pipe are each provided with a plurality of heat transfer fins which are spaced apart from each other at regular intervals, thus efficiently recovering and transferring the heat relative to the air flowing around the upper and lower ends of the heat pipe.